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613 ATTATGGAGTAAACCTTTTCAGTGGCTCAATTGACGGCTGTGCTC 662
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663 AATGAGAGGCTGAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 712
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156 rCysHisAlaGlyPhePheLeuAlaGluAsnGluCysValSerCysSerA 173
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713 CTGGCATCCAGGTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 762
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173 snCysLysSerLeuGluCysThrLysLeuCysLeuProGlnIleGlu 189
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763 ACTGTAAAGAAAGGCTGAGTCTTCTTCTTCTTCTTCTTCTTCTTCT 812
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seq_name: gb_pat:A29098

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seq_documentation_block:
LOCUS A29098 1368 bp DNA PAT 03-JUL-1995
DEFINITION Synthetic DNA for TNF-receptor from patent EP0393438.
ACCESSION A29098
VERSION A29098.1 GI:1248892
KEYWORDS
SOURCE
ORGANISM

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REFERENCE
1 (bases 1 to 1368)
Hauptmann, R., Himmeler, A., Maurer-Foqy, I. and Stratowa, C.
TNF-receptor, TNF-binding protein and DNA coding therefor
Patent: EP 0393438-A 48 24-OCT-1990;
BOEHRINGER INGENIEUR FARMACEUTICAL G.M.B.H.

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FEATURES
source
1..1368
Location/Qualifiers
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/db_xref="taxon:32630"
BASE COUNT 293 a 424 c 375 g 276 t
ORIGIN

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alignment_scores:
Quality: 1117.50 Length: 211
Ratio: 5.588 Gaps: 1
Percent Similarity: 94.787 Percent Identity: 94.787

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alignment_block:
US-09-525-998A-12 x A29098

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Align seq 1/1 to: A29098 from: 1 to: 1368
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17 MetLeuValGlyIleThrProSerGlyValIleCly..... 29
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51 ACTTCTGAGCAATATACCTCTTCTTCTTCTTCTTCTTCTTCTTCTT 100
|||||
30 ..... AspSerValCysProGlnGlyLysTyrile 39
|||||
101 TAGGACACAGACACACACACACACACACACACACACACACACACAC 150
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40 HisProGlnAsnAsnSerIleCysCysThrLysCysHisLysGlyThr 56
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151 CACCCTCAAAATATTGATTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 200
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56 rLeuTyrAspAspCysProGlyProGlyGlnAspThrAspCysArgGlu 73
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73 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArqHisCysLeu 89
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301 AGCTGCTCTTAAATCTGCAAAAGAAATGATGATGATGATGATGATG 350
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106 sThrValAspArgAspThrValCysGlyCysATATATAsnGlnIleArg 123
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351 CACAGTGCACCGGACACACCGCTGCTGCTGCTGCTGCTGCTGCTGCT 400
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123 IstYrTrpSerGluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 139
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156 rCysHisAlaGlyPhePheLeuArqGluAsnGluCysValSerCysSerA 173
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seq_name: gb_pr:HUMTNFRP
seq_documentation_block:
LOCUS HUMTNFRP 2050 bp mRNA PRI 03 AUG-1993
DEFINITION Human tumor necrosis factor receptor(TNF) mRNA, complete cds.
ACCESSION M60275 M37764
VERSION M60275.1 GI:339759
KEYWORDS
TNF receptor, transmembrane receptor, tumor necrosis factor receptor.

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SOURCE
human placenta, cDNA to mRNA.
ORGANISM
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini; Hominidae; Homo.

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REFERENCE
1 (bases 1 to 2050)
Gray, P.W., Barrett, K.J., Chantray, D., Turner, M. and Feldman, M.
Cloning of human tumor necrosis factor (TNF) receptor cDNA and
expression of recombinant soluble INF-binding protein
Proc. Natl. Acad. Sci. U.S.A. 87, 7380-7384 (1990)
JOURNAL
91017509
MEDLINE
Draft entry and computer-readable sequence for [Proc. Natl. Acad.
Sci. U.S.A. (1990) in press] kindly submitted
by P.W.Gray, 13-AUG-1990.
COMMENT

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/tissue_type="placenta"
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/seq_peptide
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155..1516
/cds

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/product="TNF receptor"
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BASE COUNT 433 a 624 c 581 q 449 t
 ORIGIN

alignment_scores:
 Quality: 1117.50 Length: 211
 Ratio: 5.588 Gaps: 1
 Percent Similarity: 94.787 Percent Identity: 94.787

alignment_block:

US-09-525-998A-12 x HUMNPK ..

Align seq 1/1 to: HUMNPK from: 1 to: 2087

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17 LeuLeuValGlyIleTyrProSerGlyValIleGly..... 29
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232 CCGCTTCGCGGAAATACCGCTACCGGCTATTCGGACCTGGCGCGACC 281
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30 .....AspSerValCysProGlyGlyTyrIle 39
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432 CACCTCAAAAATAATTCATTCCTGCTGACCAAGCTGCCACAAAGCACT 381
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56 rLeuTyrAsnAspCysProGlyProGlyGluAspThrAspCysArgGlu 73
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73 yScHisSerGlySerProThrAlaSerGluAsnHisLeuArgHisCysLeu 89
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106 rThrValAspArgAspThrValIleProGlyCysAspGluTyrArgHis 123
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582 ATTATTGGATGAAAGAGCTTTTGTATGCTTCATTCGATTCAGCTCTG 631
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632 AATGGGACCGGCGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 681
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156 rCysHisAlaGlyPhePheGluAspAlaAsnGluCysValSerCysSer 173
|||||
682 CTGGCATGCCAGCTTCCTTCCTLAACAGAAAACGAGCTGCTGCTGCTG 731
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173 rSerCysIleTyrSerLeuGluCysHisIleLeuCysLeuProGluIleGlu 189
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742 ACTGTAGAAAAGGCTGAGTGTGAGAAATTTGTGCTTACGGTACATTG 781
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190 AspValIleProGlyThrGluAspSerGlyGlyThr 208
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782 AATGTTAAGGCGACCTGAGGACCTGAGGACGACCA 814
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seq_name: qb_pat_A26412

seq_documentation_block:

LOCUS A26412 2111 bp DNA 26-APR-1995
 DEFINITION CDS for (5' to 3' INF bp) tumor necrosis factor binding protein from
 patient B90417563.

ACCESSION A26412

VERSION A26412.1 31-09-1998

KEYWORDS synthetic construct,

SOURCE synthetic construct,

ORGANISM artificial sequence,

REFERENCE 1 (bases 1 to 2111)

ACID-RS INF-binding protein
 Brockhaus M., Debnar C., Benlikaya Z., Lesslauer W., Lottschaefer H. and
 Schlaefer J.

TITLE

JOURNAL

Patent: EP 047563 A 24-03-MAR-1991

FEATURES

Location/Qualifiers

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/trans_start=1

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/db_xref="31704969"

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 FRLVTHAIIILREYVSKPFLLEELLELLERYKSESGITVLLPVI
 FFGCLLSITFTIMPYTPWSPSYIVSKSTPEEPFNTITPEAPNPSFPT
 LCHYAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT
 INPLQKWEISAHFQSLGTCGATLYAVVENVTPKWEFVRRLCLEDHEDLQKLEQON
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BASE COUNT 445 a 629 c 587 q 450 t

ORIGIN

alignment_scores:

Quality: 1117.50 Length: 211
 Ratio: 5.588 Gaps: 1
 Percent Similarity: 94.787 Percent Identity: 94.787

alignment_block:

US-09-525-998A-12 x A26412 ..

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|||||
40 .....AspSerValCysProGlyGlyTyrIle 39
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287 TATGAGAGAGAGAAAGAAAGATATGATGATGATGATGATGATGATG 336
|||||
40 GluProGluAspAspSerIleGlyCysThrIleCysHisIleGlyThr 56
|||||
437 CACCTCAAAAATAATTCATTCCTGCTGACCAAGCTGCCACAAAGCACT 486
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56 rLeuTyrAsnAspCysProGlyProGlyGluAspThrAspCysArgGlu 73
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387 CTCTGACAAAGACCTGCTGCAAGCGCTTCAGAAAACCGACCTGACAG 436
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73 yScHisSerGlySerProThrAlaSerGluAsnHisLeuArgHisCysLeu 89
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437 GTGAGAGCGCTGCTTCAGCGCTTCAGAAAACCGACCTGACAGACCTG 486
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